Amendments to the Specification:

Please replace paragraphs [0004], [0016] with the following amended paragraphs:

[0004] FIG. 2 illustrates a block diagram of a Crosstalk Filtering Module (CFM) in accordance with one embodiment;

[0016] FIG. 1 may illustrate the structure of Gigabit Ethernet system 100. As shown in FIG. 1, system 100 may comprise network nodes 120 and 122. Network nodes 120 and 122 may each represent processing systems having Gigabit Ethernet device(s). The Gigabit Ethernet devices may be implemented as part of a network interface card (NIC), for example. More particularly, network node 120 may comprise a set of equalizers (1-N) 102, a Crosstalk Filtering Module (CFM) 104, a set of transmitter/receivers ("transceivers") (1-N) 106, and a channel estimator 116. Network node 122 may have a similar structure to network 120, and may comprise a set of equalizers (1-M) 114, a CFM 112, a set of transceivers (1-M) 110, and a channel estimator 118. In a typical implementation, M and N are normally equal, although the embodiments are not necessarily limited in this context. Network nodes 120 and 122 may communicate information between each other using a MIMO channel 108. Although only two network nodes and one MIMO channel are shown in FIG. 1 for purposes of clarity, it can be appreciated that any number of network nodes and MIMO channels may be used and still fall within the scope of the embodiments.